IBM CICS Tools V5.1

CICS Tools

Competing effectively in today's business environment is about dynamically transforming your business to meet your customers' needs. With CICS® Tools, you have an excellent foundation for success. CICS Tools can help you to optimize your CICS resources and achieve greater capacity and improve the availability of your critical enterprise systems. Powerful automation capabilities can speed service delivery, improve standardization, and reduce risk, while rich discovery, advanced visualization, and comprehensive reporting provide the insight needed to ensure that your applications run smoothly and changes are efficient and reliable.

CICS Explorer

IBM® CICS Explorer is the strategic development and management interface for CICS TS. It delivers a graphical workbench that integrates CICS runtime facilities with add-on capabilities provided by IBM tools and those from other vendors. CICS Explorer provides an easily extensible set of CICS views, data, and methods. CICS Explorer V5.1 fully supports the new features of CICS TS V5.1 and CICS Tools V5.1.

CICS Interdependency Analyzer

CICS Interdependency Analyzer for z/OS (CICS IA) provides information that helps you to modernize CICS applications, to improve application efficiency, and minimize the risk associated with change. This runtime tool automates the detection of runtime relationships in your CICS system and records this data in a DB2 database. It enables you to analyze the collected information, build a relationship road map, and use this data in your daily operations. Information provided by CICS IA can help you improve the availability of your CICS applications, reduce the cost and increase the speed of CICS application maintenance.

CICS Deployment Assistant

IBM CICS Deployment Assistant for z/OS® (CICS DA) helps you use the latest IBM CICS technology faster and easier than ever before. With CICS DA, you can discover,

model, visualize, and deploy new and existing CICS regions, using automation and policy-driven advice built on your own knowledge and experience, and that of IBM.
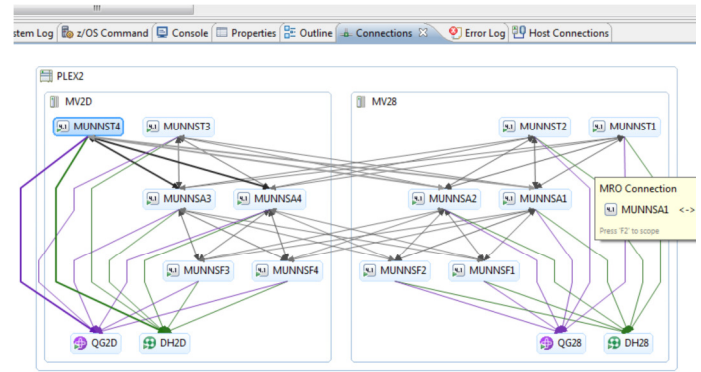

Figure 1 CICS Deployment Assistant connections view

A plug-in for IBM CICS Explorer provides advanced visualization with tagging and filtering, letting you view, print, and manage your CICS infrastructure as you want to see it.

CICS Configuration Manager

IBM CICS Configuration Manager for z/OS (CICS CM) provides definition support, as well as reporting and change-management facilities, which enable you to manage CICS resource definitions in CICS system definition data sets (CSDs) in your enterprise from a single point of control, and manipulate definitions seamlessly across CSD files and CICSPlex System Manager (CICSPlex SM) data repositories. It helps handle the complexities and potential problems in the administration and maintenance of resource definitions for CICS Transaction Server, across multiple CICS regions, offering comprehensive control and audit capabilities.

CICS Performance Analyzer

IBM CICS Performance Analyzer for z/OS (CICS PA) is a robust offline reporting tool that analyzes a variety of data to produce a wide range of reports and extracts that help you tune and manage your CICS systems. Data includes the System Management Facilities (SMF) records created by the CICS Monitoring Facility (CMF), CICS statistics, CICS server statistics, DB2 and WebSphere

MQ accounting records, and z/OS system logger. CICS PA provides comprehensive reports on all aspects of CICS systems, as well as historical database capabilities for trend analysis and capacity planning.
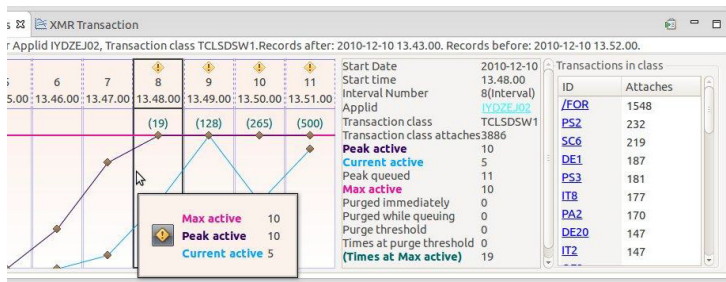

Figure 2 CICS Performance Analyzer statistics alert visualization

CICS VSAM Recovery

IBM CICS VSAM Recovery for z/OS is for organizations where the availability and integrity of VSAM data are vital. This tool enables users to automate the recovery of damaged or lost VSAM datasets (caused by catastrophic hardware failure, software failure, or human error), whether you are using them in a CICS, batch, or combined environment. The latest version increases the focus on automation and backup management. Users can automate the process of recovering a data set following a backout failure in a CICS environment, as well as initiate a backup process using the panel interface.

CICS VSAM Transparency

IBM CICS VSAM Transparency for z/OS (CICS VT) can help you to migrate your valuable data from VSAM files to DB2 tables as your business requirements dictate, with no modification to your CICS and batch VSAM application programs and with only minimal changes to your system environment and JCL. By migrating to DB2, you can make your data available 24x7 to customers and suppliers to support real-time global operations — with the security-rich reliability and maintainability that DB2 offers.

CICS Transaction Gateway

To help support an end-to-end business environment, IBM CICS Transaction Gateway (CICS TG) is a production-proven, high-performing, security-rich, and scalable CICS connector. CICS TG is available in three product options on a wide range of platforms, and can be deployed in a number of different topologies.

CICS TG can be deployed with minimal changes to client systems and usually no changes to existing CICS applications, allowing rapid service-enablement of CICS applications.

IBM Session Manager

IBM Session Manager for z/OS, Version 3.2 provides IBM VTAM® software users, as well as TCP/IP users, with security-rich, highly-available, and user-friendly access to multiple IBM z/OS systems from a single 3270 terminal. A password- or passphrase-protected menu means that users are within a few keystrokes of any business application from multiple, concurrent virtual sessions. System details are transparent to users — they can access the information they need without having to know where the applications are or what system they run on.

CICS Batch Application Control

If you run batch programs, IBM CICS Batch Application Control for z/OS can make it easier to manage batch processes that have to coexist and share resources with CICS online transaction systems. This tool manages and logs the allocation of resources to the batch job, then logs the allocation back to the CICS application at the end of the batch job.

CICS OTTO

CICS Online Transmission Time Optimizer helps identify and remove repetitive data by examining and dynamically compressing outgoing data streams.

Learn more

Full details of the hardware and software requirements for CICS can be found on each product's web page.

To learn more about IBM CICS Tools and other products in the CICS portfolio contact your IBM representative or IBM Business Partner, or visit:

ibm.com/cics/tools

Experience the very best of the CICS portfolio - see it in action at:

ibm.com/cics/showcase